

PRE-CONFERENCE

EDUCATIONAL SESSIONS DETAIL DOCUMENT

SUN 30 OCT . . . PG 2

MON 31 OCT . . . PG 5

TUE 1 NOV . . . PG 10

MON – TUES TWO-DAY COURSES . . . PG 18

PREVIEW

AS OF 17 MAY 2016. FACULTY AND SESSIONS ARE BEING CONFIRMED AND ARE SUBJECT TO CHANGE.

THE APP CONTAINS THE MOST UP-TO-DATE SCHEDULE AND INFORMATION: ACRM.org/app.
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ACRM 
**93rd Annual
Conference**

**PROGRESS IN
REHABILITATION
RESEARCH #PIRR2016**
TRANSLATION TO
CLINICAL PRACTICE



THE world's
largest interdisciplinary
rehabilitation
research conference

I N T E R D I S C I P L I N A R Y

SUNDAY 30 OCT

INSTRUCTIONAL COURSES — FULL DAY

#33 The Multiple Errands Test: Developing, administering and scoring site-specific versions**Date:** 30 October**Time:** 8:00 AM – 5:30 PM**Faculty:** Dr. Deirdre Dawson, OT Reg.(ON.), Rotman Research Institute, Baycrest, Senior Scientist

Dr.EmilyNalder, University of Toronto, Assistant Professor

Dr. Amanda Clark, University of Tennessee at Chattanooga, Assistant Professor

Primary Content: Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)**Secondary Content:** Brain Injury, Geriatric Rehabilitation, Measurement, Stroke**Focus area:** Training/Instruction in new knowledge/skills**DESCRIPTION:** This one-day interactive workshop is designed for rehabilitation professionals who wish to expand their knowledge of an ecologically valid cognitive assessment the Multiple Errands Test (MET), and to develop a version for use at their own clinical site. The MET is one of very few ecologically valid assessments of executive dysfunction available. It involves real-life tasks including shopping and collecting information while following specified rules. Participants will learn about executive functioning and the MET. Participants will have the opportunity to experience doing a MET in small groups, practice scoring and interpreting a MET through a case study, then create a version of the MET for use in their workplace.**MORE:** www.ACRM.org/IC33**#43 Randomized control pilot trial: Evaluating AMPCARE's Effective Swallowing Protocol for treatment of dysphagia post stroke.****Date:** 30 October**Time:** 8:00 AM – 5:30 PM**Faculty:** Mr. Russ Campbell, PT, Ampcare, LLC, President

Mr. Patrick McAdoo, M.S., CCC-SLP, Ampcare, LLC, Vice President

Primary Content: Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP), STROKE**Secondary Content:** Technology (e.g. prosthetics/orthotics, robotics, assistive technology)**Focus area:** Training/Instruction in new knowledge/skills**Key words:** Dysphagia, Deglutition Disorders, Resistive Exercise Therapy, Neuromuscular Electrical Stimulation Therapy, Orthotic Device**DESCRIPTION:** This lecture will discuss a new FDA-cleared system for dysphagia treatment that takes traditional therapy approaches to the next level by uniting the benefits of neuromuscular electrical stimulation (NMES) while incorporating proper postural strategies and resistive exercises. Using NMES with electrodes designed to fit the submental and facial areas to work in conjunction with indirect techniques and newly-developed therapeutic exercises. This course will teach participants the specific rationale behind the parameters best suited for small muscle rehabilitation, review the anatomy of the muscle groups and cranial nerves associated with the swallow, and provide extensive "hands on" experience using the technique.**MORE:** www.ACRM.org/IC43**#233 Yoga: A Holistic Approach for Rehabilitation Across Disciplines****Date:** 30 October**Time:** 8:00 AM – 5:30 PM**Faculty:** Dr. Ellen Zambo Anderson, PT, PhD, CYT, Rutgers University, Associate Professor

Dr. Lori Zucker, PT, Lori Zucker Physical Therapy, Owner

Primary Content: Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)**Secondary Content:** N/A**Key words:** yoga, mind-body therapies, complementary therapies, therapeutics**Focus area:** Training/Instruction in new knowledge/skills**DESCRIPTION:** This course will challenge rehabilitation professionals to examine a yogic approach for health and function and to compare this approach with interventions commonly performed in a clinical setting. Lectures about the philosophy, styles and science of yoga, including asana (postures) pranayama (breathing) and meditation will be interactive and include a critical review of peer-reviewed literature. The hands-on portion of the course allows participants to experience a multi-modal approach to patient care through the practice of asana, pranayama and meditation that is supported by scientific evidence. Suggestions will be made for integrating a holistic approach to patient care across rehabilitation disciplines.**MORE:** www.ACRM.org/IC233

#143 The NIH Toolbox: State of the Art Outcome Measures for Rehabilitation Practice and Research

Date: 30 October

Time: 8:00 AM – 5:30 PM

Faculty: Dr. Cindy Nowinski, MD, Northwestern University Feinberg School of Medicine, Research Associate Professor
 Dr. Richard Gershon, Northwestern University Feinberg School of Medicine, Vice Chair of Research and Professor
 Susan Magasi, PhD, University of Illinois at Chicago, Assistant Professor

Dr. Allen Heinemann, PhD, Northwestern University, Professor and Director, Center for Rehabilitation Outcomes Research

Primary Content: Measurement

Secondary Content: Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP), Brain injury, Other: The rehabilitation applications of the NIH Toolbox Measurement System are cross-cutting. It can be used in research and practice, with both children and adults and across a broad range of conditions of relevance to rehabilitation

Key words: outcome assessment, rehabilitation research, psychometrics

Focus area: Training/Instruction in new knowledge/skills

DESCRIPTION: This interactive workshop presents instructional information and hands-on demonstration of the cutting edge measurement system to assess neurological and behavioral function – the NIH Toolbox®. The advantages of employing common measures across rehabilitation research studies and clinical practice will be addressed. Participants will acquire the basics of computer adaptive testing and modern psychometric approaches and the building blocks for administration of the NIH Toolbox® measures for emotional, cognitive, sensory and motor function via an iPad.

MORE: www.ACRM.org/ICI43

SUNDAY 30 OCT

INSTRUCTIONAL COURSE — MORNING

#45 How to Maintain and Lead Clinical Research as Physician, Clinician, or Clinician Researcher?

Date: 30 October

Time: 8:00 AM – 12:00 PM

Faculty: Brad Kurowski, MD, MS, Cincinnati Children's Hospital Medical Center and University of Cincinnati, College of Medicine, Associate Professor

Douglas Katz, MD, Boston University School of Medicine, Professor

Flora Hammond, MD, Indiana University School of Medicine, Rehabilitation Hospital of Indiana, Chair, Dept Physical Medicine & Rehabilitation

Mike Jones, PhD, Shepherd Center, Director, Virginia C. Crawford Research Institute, Shepherd Center

Primary Content: Crosscutting, Specify: Clinical Research

Secondary Content: N/A

Key words: Clinical Investigator, Research, Clinical Study, Clinical Protocols

Focus area: Training/Instruction in new knowledge/skills

DESCRIPTION: The purpose of this course is to assist new physician investigators and key research staff in improving their skills and understanding of the principles and practices used in the successful execution of patient-oriented research. Participants will gain insights to enhance their ability to perform quality research according to existing regulations and guidelines. The course is open to physicians, nurses, therapists, and other healthcare professionals involved in or interested in clinical research. The program will share information and create an opportunity for dialogue amongst attendees and program faculty.

MORE: www.ACRM.org/IC45

SUNDAY 30 OCT

INSTRUCTIONAL COURSE — AFTERNOON

#271 Performing and Making Sense of a Literature Search**Date:** 30 October**Time:** 1:30 PM – 5:30 PM**Faculty:** Ms. Christine Willis, Shepherd Center, Director of Knowledge Management & Learning Resources
Dr. Mark Sweatman, Shepherd Center. Data Analyst**Primary Content:** Other, Specify: Research Literature Search and Methods Overview**Secondary Content:** N/A**Key words:** Evidence-Based Practice, Methods, Rehabilitation Research**Focus area:** In-depth information communication/knowledge transition**DESCRIPTION:** The course is open to any interested physicians, therapists, nurses, or other healthcare professionals who seek to enhance their literature searching skills. Participants will define searchable topic terms related to a clinical research question, demonstrate the ability to find published articles from peer-reviewed journals relevant to that specific clinical research question in PubMed, and describe research methods that are key to quality evidence-based literature. The instructors will provide hands-on demonstration time for participants to apply what has been discussed in the course.**MORE:** www.ACRM.org/IC271

MONDAY 31 OCT

INSTRUCTIONAL COURSES — FULL DAY

#91 Cognitive Support Technology and Vocational Rehabilitation: Approaches for Postsecondary Students With a Traumatic Brain Injury**Date:** 31 October**Time:** 8:00 AM – 5:30 PM**Faculty:** Dr. Phillip Rumrill, CRC, Kent State University, Professor and Director, Center for Disability Studies, Rehabilitation Counseling Program

Dr. Marcia Scherer, Institute for Matching Person Technology, President

Ms. Eileen Elias, JBS International, Senior Policy Associate, Disability and Mental Health

Dr. Deborah Hendricks, West Virginia University, Principal Investigator, Job Accommodation Network, International Center for Disability Information and Clinical Associate Professor

Dr. Karen Jacobs, Boston University, Clinical Professor and Program Director, On-line Post-professional Doctorate in Occupational Therapy

Anne Leopold, JBS International, Project Manager

Ms. Callista Stauffer, Kent State University, Technology and Employment Coordinator, Kent State University

Ms. Elaine Sampson, CRC, West Virginia University, Technology and Employment Coordinator Project Career

Ms. Amanda Nardone, Boston University, Technology and Employment Coordinator Project Career

Primary Content: Brain Injury**Secondary Content:** Technology (e.g. prosthetics/orthotics, robotics, assistive technology)

Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)

Key words: Brain Injuries, Self-Help Devices, Technology, Evaluation Studies as Topic, Rehabilitation, Vocational**Focus area:** In-depth information communication/knowledge transition**DESCRIPTION:** This instructional course will provide successful findings and promising practices through didactic and interactive information sharing and training. It will explain how successful academic and career-based employment placements can occur. Its emphasis is on cognitive support technology selection by matching with biopsychosocial functioning, vocational rehabilitation, case management, and career mentoring. This course, provided by Project Career's Technology and Employment Coordinators (TECs), Directors, and Evaluator, will provide insight on use of iPads and supporting apps, the Matching Person Technology Tool, lessons learned, promising practices, and action planning.**MORE:** www.ACRM.org/IC91**#37 Neuroplasticity: Leveraging Principles of Plasticity to Optimize Neurorehabilitation****Date:** 31 October**Time:** 8:00 AM – 5:30 PM**Faculty:** Dr. Theresa Pape, PH, MA, CCC-SLP/L, US Dept. of Veterans Affairs and Northwestern University, Feinberg School of Medicine, Neuroscientist and Research Associate Professor

Dr. Eric Wasserman, MD, NIH, Chief, Behavioral Neurology Unit (formerly Brain Stimulation Unit),

Dr. Sue Ann Sisto, PhD, State University of New York at Stony Brook

Dr. Phillip Janicak, MD, Northwestern, Dept. of Psychiatry and Behavioral Sciences, Professor

Dr. Leora Cherney, PhD, RIC, Research Scientist III

Dr. Sangeetha Madhavan, PT, PhD, UIC, Dept. of Physical therapy, Assistant Professor

Ms. Heather Tanksley Peters, MOT, OTR/L, The Ohio State University, Doctoral Student

Dr. Kwan Leung Ng, MD, UC Davis Medical Center, Medical Director Vascular Neurology

Dr. Preeti Raghavan, MD, Rusk Institute of Rehabilitation Medicine, New York University School of Medicine, Assistant Professor

Dr. Stephen Page, Ph.D., M.S., M.O.T., OTR/L, F.A.H.A., F.A.C.R.M, The Ohio State University, Associate Professor

Primary Content: Neuroplasticity (includes neuroscience)**Secondary Content:** Brain Injury, Stroke**Key words:** Neuroplasticity, Interventions, Implementation, Stroke, TBI, Neurodegenerative, SCI**Focus area:** Training/Instruction in new knowledge/skills**DESCRIPTION:** There has been much effort devoted to harnessing, directing, and enhancing the human central nervous system's capacity for reorganization in disciplines including motor training, learning / education and neurorehabilitation. While we await a major clinical breakthrough, some lines of work have yielded encouraging results. This course will provide an overview of concepts relevant to neural plasticity and highlight therapies targeting mechanisms of neural plasticity that are ready or near- ready for implementation in neurorehabilitation practice.**MORE:** www.ACRM.org/IC37

#66 Single-case design studies: development, clinical use, reporting and evaluation for the rehabilitation evidence base

Date: 31 October

Time: 8:00 AM – 5:30 PM

Faculty: Dr. Marcel Dijkers, PhD, Icahn School of Medicine at Mount Sinai, Research Professor

Dr. Robyn Tate, BA (Hons), MPsychol, PhD, Sydney Medical School - Northern-John Walsh Centre for Rehabilitation

Research, Kolling Institute of Medical Research, The University of Sydney, Professorial Research Fellow

Dr. Ronald Seel, PhD, FACRM, Crawford Research Institute, Shepherd Center, Director, Acquired Brain Injury Research

Dr. James Graham, DCh, University of Texas Medical Branch, Associate Professor

Primary Content: Crosscutting, Specify: The information to be provided and the skills learned are applicable to all diagnostics groups, all rehabilitation settings, and all rehabilitation professional disciplines

Secondary Content: Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)
Measurement

Key words: evidence-based practice, rehabilitation, practice guidelines as topic, research design, review literature as Topic

Focus area: Training/Instruction in new knowledge/skills

DESCRIPTION: This course, sponsored by the ACRM Evidence and Practice Committee, presents “how to” information that will help clinicians and researchers evaluate findings from rehabilitation studies using single case designs and translate them into evidence for clinical practice decisions and recommendations. A primary aim is to equip participants with the knowledge and tools (CONSORT-CENT and the RoBiNT) needed to create and critically evaluate reports of single case design studies. This course will use brief didactic presentations and emphasize applying new knowledge in small work groups.

MORE: www.ACRM.org/IC66

#261 Integrating Feldenkrais® Concepts into Musculoskeletal and Neuromuscular Rehabilitation: Rethinking Impairment Based Treatment Approaches

Date: 31 October

Time: 8:00 AM – 5:30 PM

Faculty: Dr. Teresa Miller, PT, PhD, GCFP, State University of New York, Downstate Medical Center, Associate Professor

Primary Content: Other, specify: Mind-body, systems based approach to human movement. This course is appropriate for practitioner health and wellness and for treating patients with neuromuscular and musculoskeletal conditions.

Secondary Content: Pain

Key words: Neuroplasticity, Neurogeneration, Motor imagery, visual imagery, Neuophysilogic

Focus area: Training/Instruction in new knowledge/skills

DESCRIPTION: This didactic and experiential, pre-conference course is designed to present an interactive, mind-body, systems-based approach for decreasing pain and enhancing body awareness, mobility, balance, flexibility, motor and intellectual function. The course is especially appropriate for practitioners who work with patients with neuromuscular, musculoskeletal, and learning based impairments. Evidence for the Feldenkrais Method®, neuroplasticity, neurogeneration, manual guidance and visual and motor imagery will be discussed.

MORE: www.ACRM.org/IC261

MONDAY 31 OCT

INSTRUCTIONAL COURSES — MORNING

#152 **Fatigue, impaired alertness and daytime sleepiness in traumatic brain injury****Date:** 31 October**Time:** 8:00 AM – 12:00 PM**Faculty:** Dr. Tatyana Mollayeva, MD, RPSGT, Toronto Rehab-UHN, Postdoctoral fellow

Dr. Tamara Bushnik, FACRM, Rusk Rehabilitation, Director of Research

Dr. Angela Colantonio, MsOT Reg, FACRM, University of Toronto, Director Rehabilitation Sciences Institute

Primary Content: Brain Injury**Secondary Content:** Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP), Other, specify: theoretical constructs of complex perceived states**Key words:** brain injury, fatigue, alertness, daytime sleepiness, perceived complex states**Focus area:** In-depth information communication/knowledge transition**DESCRIPTION:** The primary objective of this course is to educate and stimulate professionals and researchers in TBI to challenge the commonly held view that fatigue, alertness and daytime sleepiness in TBI are perceptual states on the same continuum. The implications of this challenge are directly relevant to clinical approaches to patients presenting with fatigue, impaired alertness or excessive daytime sleepiness. The discussion may also help to shape future research on the topics of common perceptual states in TBI.**MORE:** www.ACRM.org/IC152#TBD **World-Class Measurement Symposium****Date:** 31 October**Time:** 8:00 AM – 12:00 PM**Faculty:** Jason Raad, PhD

Dr. Raad is a post-doctoral fellow at the Center of Innovation for Complex Chronic Healthcare (CINCCH) at Edward Hines Jr. VA Hospital

Primary Content: Cross-cutting, Details Coming Soon**Secondary Content:** N/A**Key words:** Details Coming Soon**Focus area:** Details Coming Soon**DESCRIPTION:** Details Coming Soon#48 **Skeletal Muscle Design and Plasticity****Date:** 31 October**Time:** 8:00 AM – 12:00 PM**Faculty:** Dr. Richard Lieber, Rehabilitation Institute of Chicago, Chief Scientific Officer**Primary Content:** Other, specify: Muscle Plasticity**Secondary Content:** Pediatric Rehabilitation, Brain Injury**Key words:** Skeletal muscle, Muscle fiber types, sarcomeres, actin and myosin motility, muscle plasticity**Focus area:** Training/Instruction in new knowledge/skills**DESCRIPTION:** This instructional course will be based on a textbook that describes both the design and function of skeletal muscle as well as its adaptability. Models discussed include spinal cord injury, immobilization-induced atrophy, voluntary exercise and contracture. These lectures will enable physiatrists and therapists to measure the relevant properties of skeletal muscles from patients and to interpret their meaning. Extensive clinical examples will be provided to illustrate the concepts described.**MORE:** www.ACRM.org/IC48

MONDAY 31 OCT

INSTRUCTIONAL COURSES — AFTERNOON

#119 The Neurological Effect of Lenses and Puzzles on Brain Plasticity

Date: 31 October**Time:** 1:30 PM – 5:30 PM**Faculty:** Dr. Deborah Zelinsky, O.D., The Mind-Eye Connection, Clinician and Researcher
Dr. Donalee Markus, PhD, Donalee Markus and Associates, Researcher and Clinician**Primary Content:** Brain Injury**Secondary Content:** Neuroplasticity (includes neuroscience), Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)**Key words:** Spatial Processing [F01.145.875.830], Visual Pathways [A08.612.220.860], Motor Skills [F02.808.260]**Focus area:** Training/Instruction in new knowledge/skills**DESCRIPTION:** This workshop teaches how the use of visual puzzles and non-traditional eyeglasses affect brain plasticity. Research shows how brain function can be affected by retinal stimulation. Several pathways are activated by light 1) Clues are processed consciously, 2) Cues are processed subconsciously, 3) Cruise Control signals are processed reflexively by brainstem and limbic structures. Reactions and responses from those pathways differ depending on individual personality traits. Lenses, prisms or filters can engage necessary pathways, and puzzles can rehearse to form new habits, triggering brain plasticity. Participants will leave with the understanding of how important environmental cues are during rehabilitation activities.**MORE:** www.ACRM.org/IC119

#268 Mobile Health Technologies and Chronic Disease Management: Applications in Rehabilitation

Date: 31 October**Time:** 1:30 PM – 5:30 PM**Faculty:** Dr. Shane Phillips, PT, PhD, University of Illinois at Chicago, Professor and Associate head
Spyros Kitsiou, PhD, UIC, Assistant Professor

Dr. Sharon Martino, PT, PhD, Stony Brook University, Clinical Associate Professor

Dr. Ben Gerber, MD, MPH, UIC, Professor of Medicine

Mr. Anthony Faiola, PhD, Indiana University, Associate Professor

Dr. Craig Lehmann, PhD, CC, FACB, Stony Brook University, Dean for the School of Health Technology and Management; Director for the Center of Public Health Education

Primary Content: Crosscutting (Specify below), chronic disease management using technology**Secondary Content:** Technology (e.g. prosthetics/orthotics, robotics, assistive technology), Measurement**Key words:** non-communicable disease, eHealth, cardiovascular disease, tele-health**Focus area:** In-depth information communication/knowledge transition**DESCRIPTION:** Non-communicable diseases such as diabetes, cancer, and cardiovascular disease account for most deaths in rich and middle-income and lower-middle income countries. Management of these diseases necessitates adoption of healthy behaviors and a collaborative health care approach. Real-time data, clinical decision making and feedback can influence diet, exercise and medication management. Fifty percent of US health care will shift from the hospital/clinic to the home/community by 2020. Accordingly, this instructional course will expound the need for creative utilization of health technologies (texting, internet, tele-health, eHealth, and mHealth) for the prevention/treatment of chronic, non-communicable diseases and promotion of healthy lifestyles.**MORE:** www.ACRM.org/IC268

#74 The Importance and Reality of Integrating Outcome Assessment in Clinical Practice

Date: 31 October**Time:** 1:30 PM – 5:30 PM**Faculty:** Dr. Pamela Roberts, PhD, OTR/L, SCFES, FAOTA, CPHQ, FNAP, Cedars-Sinai Health System, Director of Academic and Physician Informatics and Physical Medicine and Rehabilitation

Dr. Richard Riggs, MD, Cedars-Sinai Health System, Vice President and Chief Medical Information Officer
 Dr. Trudy Mallinson, PhD, OTR/L, FAOTA, NZROT, The George Washington University, Associate Professor
 Dr. Deborah Backus, PT, PhD, FACRM, Shepherd Center, Director of Multiple Sclerosis Research
 Ms. Sarah Morrison, PT, MBA, MHA, Shepherd Center, Vice President of Clinical Services

Primary Content: Crosscutting, specify below: any diagnosis

Secondary Content: Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)

Key words: Outcomes, Rehabilitation, Measures

Focus area: In-depth information communication/knowledge transition

DESCRIPTION: Determining which rehabilitation outcome measure to use is challenging. Some are appropriate for a wide range of diagnostic groups and others are disease-specific. Knowing which factors are important for selecting the right outcomes measures is important for ensuring data are reliable, valid, and clinically useful. Outcome measurement is important not only for demonstrating value, but also to increase and advance clinical knowledge. The purpose of this instructional course is to provide rehabilitation providers the rationale and guidelines for choosing outcomes to use routinely in a variety of clinical settings.

MORE: www.ACRM.org/IC74

#124 Neuropharmacology

Date: 31 October

Time: 1:30 PM – 5:30 PM

Faculty: Dr. Arshia Ahmad, M.D.; MRCP (UK); M.Sc Clinical Neurology, IUPUI, Assistant Professor PM&R

Dr. Douglas Katz, MD, FACRM, FAAN, FANABoston University / Braintree Rehab, Professor / Med Dir ABI

Dr. Min Jeong Park, MD, Hennepin County Medical School, Staff Psychiatrist

Dr. Susan Schultz, MD, University of Iowa Carver College of Medicine, Professor of Psychiatry

Ana Durand-Sanchez, MD, BCM, Asst. Prof of PM&R

Primary Content: Crosscutting (Specify below), Neuro-Pharmacology

Secondary Content: Brain Injury, Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)

Key words: Neuropharmacology, Cognitive Neuroscience, Traumatic Brain Injury, Behavioural Science, Neuroimmunology

Focus area: In-depth information communication/knowledge transition

DESCRIPTION: This course surveys the basic principles of neuropharmacology with an emphasis on the molecular pharmacology of drugs used to treat CNS disorders which are of particular interest to Rehabilitation Medicine Practitioners. The course will provide a description of the cellular and molecular actions of drugs on synaptic transmission with discussion of drug-induced changes in functioning of the nervous system. We will examine how the neurotransmitter systems influence nervous system as well as therapeutic targets affecting these transmitter systems. Issues surrounding drug entry into the central nervous system will be addressed. Clinical applications of neuropharmacology, the link between neuropharmacology and behavior, and current research investigating the development of drugs for neuronal targets will be addressed. This course is specifically oriented with a Clinical and Evidence Based practice model in mind, and will draw upon the experience and expertise of senior Clinicians, combined with thorough theoretical discussions involving both early and established Clinicians.

This course is designed to provide a foundation for advanced knowledge in neuro-psychopharmacology, and to provide an introduction to the pharmacological treatment of CNS pathologies. The ultimate goal is to understand how molecular neuroscience can guide the direction of basic medical science and therapeutic approaches.

MORE: www.ACRM.org/IC124

TUESDAY 1 NOV

INSTRUCTIONAL COURSES — FULL DAY

#234 Coping-Skills Training Workshop: A Group Intervention Aimed to Improve Coping in Survivors of Brain Injury and their Caregivers**Date:** 1 November**Time:** 8:00 AM – 5:30 PM**Faculty:** Dr. Samantha Backhaus, PhD, Rehabilitation Hospital of Indiana, Clinical Neuropsychologist
Summer Ibarra, Rehabilitation Hospital of Indiana, Rehabilitation Psychologist; Associate Director of Department of Resource Facilitation

Kamini Krishnan, Mayo Clinic, Instructor of Psychology

Tom Bergquist, Ph.D., LP, ABPP-CN, Mayo Clinic, Consultant in Clinical Neuropsychology

Primary Content: Brain Injury**Secondary Content:** Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP), Mental Health**Key words:** Brain Injury, Mental health, Coping, Rehabilitation, Translational clinical research**Focus area:** Training/Instruction in new knowledge/skills**DESCRIPTION:** The focus of this workshop is to provide training in how to facilitate an evidenced-based coping skills group for individuals with brain injury and their caregivers. It will specifically review the different Modules of the program, teach participants advanced cognitive-behavioral, dialectical-behavioral, and Mindfulness skills and demonstrate application of group therapy skills. While the developers of this program will be teaching this workshop, prior workshop attendees from the Mayo Brain Rehabilitation Clinic will be discussing real-life application of this program.**MORE:** www.ACRM.org/IC234**#100 Concussion: Road to Recovery: Navigating Obstacles, Overcoming Challenges and Striving for Tailored Multi-Disciplinary Care****Date:** 1 November**Time:** 8:00 AM – 5:30 PM**Faculty:** Dr. Joseph Adams, PT, DPT, NCS, NYU Langone Medical Center, Rusk Rehabilitation, Senior II Physical Therapist
Ms. Tara Denham, MA, PT, NYU Langone Medical Center, Rusk Rehabilitation, Program Manager

Dr. Steven Flanagan, MD, NYU Langone Medical Center, Rusk Rehabilitation, Chair, Rehabilitation Medicine

Dr. Felicia Fraser, PhD, NYU Langone Medical Center, Rusk Rehabilitation, Psychologist

Dr. Neera Kapoor, O.D., M.S. FAAO, FCOVD-A, NYU Langone Medical Center Rusk Rehabilitation, Associate Clinical Professor

Dr. Sanjeev Kothare, MD, NYU Langone Medical Center, Director Pediatric Sleep Program

Dr. Donna Langenbahn, PhD, NYU Langone Medical Center, Rusk Rehabilitation, Associate Director of Psychology, Outpatient Services

Dr. Yuka Matsuzawa, PsyD, NYU Langone Medical Center, Rusk Rehabilitation, Senior Psychologist

Dr. Mia Minen, MD, MPH, NYU Langone Medical Center, Director Headache Services

Ms. Geraldine Pagnotta, MPT, MPH, NYU Langone Medical Center, Director, Dina Pagnotta, MPT, MPH, Director, Musculoskeletal Rehabilitation Network and Concussion Center, NYU Langone Medical Center

Dr. Mia Palazzo, PT, DPT, OCS, CertMDT, NYU Langone Medical Center, Rusk Rehabilitation, Program Manager

Dr. John Ross Rizzo, MD, NYU Langone Medical Center, Rusk Rehabilitation, Physician

Ms. Edna Schneider, MA, CCC-SLP, NYU Langone Medical Center, Rusk Rehabilitation, Clinical Specialist

Mrs. Mara Sproul, RN, MPA, CRRN, RN-BC, NYU Langone Medical Center, Rusk Rehabilitation, Program Manager, Mara Sproul, MPA, CRRN, RN-BC, Program Manager of NYU Langone Concussion Center

Ms. Margaret Waskiewicz, MS, OTR/L, NYU Langone Medical Center, Rusk Rehabilitation, Supervisor

Primary Content: Brain Injury**Secondary Content:** Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)**Key words:** Concussion, mild, Post concussion syndrome, cerebral concussion**Focus area:** Training/Instruction in new knowledge/skills**DESCRIPTION:** Studies have demonstrated that 80-90% of patients with concussion have symptom resolution within 7-10 days. For the 10-20% of patients with persisting symptoms, a multidisciplinary approach to care is essential. The presenters are clinicians/researchers from an academic multi-disciplinary concussion center; experts in the evaluation and treatment of the complex patient. The presenters will emphasize obstacles and challenges to recovery with areas that are often missed including oculomotor deficits, sleep disorders, headache management, and cervicogenic disorders. Presentations will include

interactive case studies. Presenters will instruct in evaluation, treatment, and return to function, with novel translational approaches to push standard of care.

MORE: www.ACRM.org/ICI100

#140 Rehabilitation for the Walking Talking Stroke Survivor

Date: 1 November

Time: 8:00 AM – 5:30 PM

Faculty: Dr. Jaclyn Schwartz, OTR, Florida International University, Assistant Professor
 Dr. CarmenCapo-Lugo, PT, PhD, Northwestern University, Center for Healthcare Studies, Postdoctoral Fellow
 Dr. Samir Belagaje, MD, Emory University, Assistant Professor
 Dr. Megan Danzl, PT, DPT, PhD, NCS, Bellarmine University, Assistant Professor
 Dr. Kristen Mauk, PhD, DNP, RN, CRRN, GCNS-BC, GNP-BC, ACHPN, FAAN, Colorado Christian University, Professor
 Dr. Mark Kovic, OTD, OTR, Midwestern University, Associate Professor & Assistant Program Director
 Dr. Shannon Scott, OTD, OTR/L, SUNY Stony Brook Southampton, Clinical Assistant Professor
 Dr. Pamela Roberts, PhD, OTR/L, SCFES, FAOTA, CPHQ, FNAP, Cedars-Sinai Health System
 Dr. Chetan Phadke, PhD, West Park Healthcare Centre, Scientist
 Dr. Jess Holguin, OTD, OTL, University of Southern California, Assistant Professor
 Dr. John Margetis, OTD, OTR/L, University of Southern California, Assistant Professor
 Dr. Stephen Page, PhD, MS, MOT, OTR/L, FAHA, FACRM. The Ohio State University, Associate Professor
 Michelle Camicia, MSN, CRRN, CCM, FAHA, Kaiser Foundation Rehabilitation Center

Primary Content: Stroke

Secondary Content: Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)

Key words: stroke, rehabilitation, severity of illness, disease management

Focus area: In-depth information communication/knowledge transition

DESCRIPTION: After mild stroke, many clients are thought to achieve full recovery and do not receive any rehabilitation. Current literature, however, indicates that persons with mild stroke experience deficits in the performance of complex daily living activities. In this instructional course, we will describe best practices based on evidence in the areas of acute care, care transitions, health management and maintenance, driving, vision, and return to work for the interdisciplinary stroke team. The morning discussion will focus on defining mild stroke and acute care and the afternoon will focus on return to the community and post-acute care.

MORE: www.ACRM.org/ICI140

#38 Clinician's Guide to Assessment and Rehabilitation of Driving in Neurodegenerative Conditions

Date: 1 November

Time: 8:00 AM – 5:30 PM

Faculty: Hannes Devos, PhD, Augusta University, Assistant Professor
 Dr. Abiodun Akinwuntan, PhD, MPH, MBA, University of Kansas Medical Center, Professor and Dean
 Dr. David Carr, MD, Washington University, Professor
 Dr. Maud Ranchet, PhD, Augusta University, Postdoctoral Fellow
 Dr. James Stowe, PhD, Washington University, Postdoctoral fellow
 Dr. Ergun Uc, MD, University of Iowa, Professor

Primary Content: Neurodegenerative disease (e.g., MS, Parkinson's disease)

Secondary Content: Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)

Key words: Automobile driving, Parkinson disease, Dementia, multiple sclerosis, Huntington disease

Focus area: Training/Instruction in new knowledge/skills

DESCRIPTION: This session is directed to novice and experienced clinicians in learning about methodologies to detect and assess driving impairments in patients with neurodegenerative conditions (Alzheimer's disease; Parkinson's disease; Multiple Sclerosis; Huntington's disease). In this instructional course, the presenters will provide extensive knowledge, practical hints, and hands-on training on the appropriate use of screening and intervention tools for fitness-to-drive in the clinic and beyond.

MORE: www.ACRM.org/IC38

#90 Realizing Person-Centeredness in Rehabilitation: Ethical and Relational Considerations and Challenges

Date: 1 November

Time: 8:00 AM – 5:30 PM

Faculty: Ms. Julie Gassaway, RN, Shepherd Center, Director Health and Wellness Program

Dr. Michael Jones, PhD, FACRM, Shepherd Center, Vice President, Research and Technology, CIO

Dr. John Banja, PhD, Emory University Center for Ethics, Professor

Christine MacDonell, FACRM, CARF International, Managing Director, Medical Rehabilitation and International Aging Services/Medical Rehabilitation

Dr. Alisa Grigorovich, Toronto Rehabilitation Institute - University Health Network, Research Associate

Kate Lorig, RN, PhD, Stanford University School of Medicine, Division of Immunology and Rheumatology, Dept of Medicine

Dr. Pia Kontos, PhD, Toronto Rehabilitation Institute - University Health Network, Senior Scientist

Primary Content: Health/disability policy, ethics, advocacy

Secondary Content: Other: Cross cutting: Brain Injury, Cognitive impairment, SCI, non-pt specific

Key words: person-centered care, ethics of care, persons with disabilities

Focus area: In-depth information communication/knowledge transition

DESCRIPTION: An ethics of care underpins a person-centered care (PCC) approach to rehabilitation services. What does this ethics of care look like? We will describe and critique ethical and relational approaches to care by explicating psychosocial, cultural, attitudinal, systemic and conceptual factors that can influence PCC, such as persons' ability to exercise choices and participate in shared-decision-making. We will present a successful example of a system of care that promotes peer-supported self-directed care to explore organizational and contextual factors that facilitate PCC. Active learning tools will be used to promote awareness of these topics and facilitate learning from each other.

MORE: www.ACRM.org/IC90

#182 Advances in Novel Technologies for Rehabilitation: Demonstration and Discussion

Date: 1 November

Time: 8:00 AM – 5:30 PM

Faculty: Dr. Rachel Proffitt, OTD, OTR/L, University of Missouri, Assistant Professor

Dr. Susan Fasoli, OTR/L, MGH Institute of Health Professions, Associate Professor

Mr. Matthew Foreman, Washington University School of Medicine, PhD Candidate

Dr. Lynne Gauthier, The Ohio State University, Assistant Professor of Physical Medicine and Rehabilitation

Dr. Son Preminger, PhD, Intendu Ltd., Founder and CEO

Primary Content: Technology (e.g. prosthetics/orthotics, robotics, assistive technology)

Secondary Content: Brain Injury, Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP), Stroke

Key words: Assistive Technology, Virtual Reality, Intervention

Focus area: In-depth information communication/knowledge transition

DESCRIPTION: This course will present research findings of novel technologies for rehabilitation, provide a forum for discussion, and allow attendees to have in-depth, hands-on interactions with the technologies and industry leaders. Virtual reality technologies, robotics, and phone/tablet apps will be featured and demonstrated by researchers and companies. Informative lectures on the latest research findings will complement a round-robin format of product demonstrations. Leaders in the field of rehabilitation technology will present and lead discussions on topics such as FDA approval, partnering with industry, and effective use in the clinic.

MORE: www.ACRM.org/IC182

TUESDAY 1 NOV

INSTRUCTIONAL COURSES — MORNING

#107 Understanding obesity and pain after spinal cord injury through preclinical, qualitative and epidemiologic research**Date:** 1 November**Time:** 8:00 AM – 12:00 PM**Faculty:** Dr. Yuying Chen, MD, University of Alabama at Birmingham, Associate Professor

Dr. Candace Floyd, University of Alabama at Birmingham, Associate Professor and Director of Research

Primary Content: Spinal Cord Injury**Secondary Content:** Pain**Key words:** Spinal cord injuries, Methodology, Obesity, Pain, Self-Management**Focus area:** Training/Instruction in new knowledge/skills**DESCRIPTION:** Obesity and pain are two common phenomena after spinal cord injury (SCI); they are notorious for deleterious functioning and quality of life. This course will begin with the review of epidemiology of SCI, obesity, and pain. In the context of translational research, attendees will then be introduced to preclinical and qualitative research, particularly on how to evaluate the rigor of published studies, what to consider in the design and implementation of preclinical and qualitative research, what they mean to clinical practices, as well as the gaps in knowledge that could be filled by collaboration of clinicians and pre-clinical researchers.**MORE:** www.ACRM.org/IC107**#26 Challenges and Benefits of Family Caregiving in Spinal Cord Injury and Other Neurological Conditions****Date:** 1 November**Time:** 8:00 AM – 12:00 PM**Faculty:** Dr. Susan Charlifue, PhD, FISCoS, FACRM, Craig Hospital, Senior Principal Investigator

Dr. Erin Kelly, PhD, American Academy of Pediatrics, Senior Research Associate

Prof. Marcel Post, PhD, Rehabilitation Centre De Hoogstraat; University Medical Centre Utrecht; University Medical Center Groningen, Special Professor in Spinal Cord Injury Rehabilitation

Dr. Lillian Stevens, PhD, McGuire VA Medical Center, Research Psychologist, Project Director and Database Manager

Dr. Susan Jaglal, PhD, University of Toronto, Professor

Primary Content: Crosscutting, Specify: Internatinal, spinal cord injury, brain injury, stroke, neurological conditions**Secondary Content:** Other: Caregiving, Pediatric Rehabilitation**Key words:** Caregivers, Spinal Cord Injuries, Brain Injuries, Stroke, Nervous System Diseases**Focus area:** In-depth information communication/knowledge transition**DESCRIPTION:** Providing care to a loved one with a neurological disability can present many challenges as well as rewards. This instructional course will explore issues related to family caregiving of people with various neurological conditions including SCI, TBI and stroke. An international panel will describe findings from both adult and pediatric studies of family caregiving in the United States, Canada, the Netherlands and Latin America.**MORE:** www.ACRM.org/IC26**#535 Stimulating Discussion: Functional Electrical Stimulation as a Rehab Tool for People with Neurodegenerative Diseases, Spinal Cord Injury and Stroke****Date:** 1 November**Time:** 8:00 AM – 12:00 PM**Faculty:** Dr. Deborah Backus, PT, PhD, FACRM, Shepherd Center, Director of Multiple Sclerosis Research

Ms. Lori Hochman, PT, MS, NCS, Stony Brook University, Clinical Assistant Professor

Christina Burke, PT, Stony Brook University, Clinical Asst Professor

Sue Ann Sisto, PhD, State University of New York at Stony Brook, Professor and Research Director, Rehabilitation Research and Movement Performance Lab

Stephanie Huber, MS, OTR/L, Restorative Therapies, Clinical Specialist

Primary Content: Neurodegenerative disease (e.g., MS, Parkinson's disease)**Secondary Content:** Spinal Cord Injury, Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP), Stroke**Key words:** Rehabilitation, Functional electrical stimulation, Neurodegenerative disease, Stroke, Spinal cord injury**Focus area:** Training/Instruction in new knowledge/skills

DESCRIPTION: This instructional course will present evidence supporting the use of functional electrical stimulation (FES) interventions to decrease impairment and improve function in people with multiple sclerosis (MS), Parkinson's disease (PD), spinal cord injury (SCI) and stroke. Presenters will provide suggestions for successful translation of evidence-based principles into clinical practice for effective use of FES interventions for these populations. Finally, a hands-on lab session will introduce attendees to various FES devices and provide instruction on how to manage the parameters of the FES devices to elicit the greatest response and positive outcomes, in people with MS, PD, SCI and stroke.

MORE: www.ACRM.org/IC535

#28 Qualitative Research Methods to Enhance Clinical Trials: Why, When, and How

Date: 1 November

Time: 8:00 AM – 12:00 PM

Faculty: Dr. Karen Besterman-Dahan, PhD, RD, HSR&D Center of Innovation on Disability and Rehabilitation Research, James A Haley VA Medical Center, Qualitative Core Director (Tampa); Medical Anthropologist – Health Research Scientist Ms. Alison Cogan, MA, OTR/L, University of Southern California, Research Assistant

Dr. Theresa Crocker, PhD, MS, RD, USF Health Byrd Alzheimer's Institut, Assistant Director of Community Based Research

Dr.GailPowell-Cope, PhD, ARNP, FAAN, James A. Haley VA Hospital, Co-Director, HSR&D Center of Innovation

Primary Content: Measurement

Secondary Content: Other, specify: Research Methodology

Key words: qualitative research, research design, rehabilitation, evidence-based practice

Focus area: Training/Instruction in new knowledge/skills

DESCRIPTION: Attendees will learn how qualitative methods can enhance rehabilitation research and reasons why they should consider including these methods in study designs. We will discuss the kinds of research questions that qualitative methods can address and when they are appropriate to include in a study. The second half of the course will be a hands-on workshop in which attendees will be introduced to the process of coding and analyzing qualitative data – perhaps the least well understood element of qualitative research methods. The course is appropriate for all attendees who are interested in learning more about qualitative and mixed-methods research and application.

MORE: www.ACRM.org/IC28

TUESDAY 1 NOV

INSTRUCTIONAL COURSES — AFTERNOON

#531 Spinal Mobility: A Manual Technique to Address Neurological Trunk Weakness**Date:** 1 November**Time:** 1:30 PM – 5:30 PM**Faculty:** Ms. Maneshka Perera, MS, OTR/L, California Rehabilitation Institute, Occupational Therapist
Mr. Lawrence Harding, PT, New York Physical Therapy, Physical Therapist**Primary Content:** Spinal Cord Injury**Secondary Content:** N/A**Key words:** Spinal Cord Injuries, SCI, paralysis**Focus area:** Training/Instruction in new knowledge/skills**DESCRIPTION:** The Spinal Mobility Technique is based on theories of Motor Learning while integrating biomechanical principles that include segmental stability, distal locking, and reverse muscle activity. It allows for therapists to think differently about how people with neurologically based trunk weakness or paralysis can be taught to move.

During the course, attendees will be able to work with individuals with spinal cord injuries who will serve as model demonstrators and will be able to give feedback and help facilitate the process of learning this hands-on technique.

MORE: www.ACRM.org/IC531**#41 Extending Brain-Computer Interface (BCI) Technology to Rehabilitation for Stroke Patients****Date:** 1 November**Time:** 1:30 PM – 5:30 PM**Faculty:** Dr. Brendan Allison, Guger Technologies OG, Senior Scientist
Dr. Vivek Prabhakaran, MD, University of Wisconsin, Professor**Primary Content:** Stroke**Secondary Content:** Technology (e.g. prosthetics/orthotics, robotics, assistive technology), Neuroplasticity (includes neuroscience)**Key words:** stroke, electroencephalography, brain-computer interfaces, neurological rehabilitation**Focus area:** Training/Instruction in new knowledge/skills**DESCRIPTION:** We will introduce paired associative stimulation (PAS), in which brain-computer interface (BCI) systems monitor patients' motor imagery. These real-time measures of motor imagery are used to "close the loop" in common physiotherapy paradigms by controlling system feedback. Attendees will see (or participate in) hands-on demonstrations with a new BCI system for this goal.**MORE:** www.ACRM.org/IC41**#538 Neuroplasticity and Rehabilitation: Examples in Parkinson disease and Pediatrics using the LSVT LOUD® and LSVT BIG® treatment protocols****Date:** 1 November**Time:** 1:30 PM – 5:30 PM**Faculty:** Dr. Cynthia Fox, PhD, CCC-SLP, LSVT Global, Inc., Co-Founder, VP of Operations

Dr. Carol Boliek, PhD, University of Alberta, Professor in the Department of Communication Sciences and Disorders

Ms. Laura Guse, MPT, MSCS, LSVT Global, Inc., Chief Clinical Officer of LSVT BIG

Primary Content: Neuroplasticity (includes neuroscience)**Secondary Content:** Neurodegenerative disease (e.g., MS, Parkinson's disease), Geriatric Rehabilitation, Pediatric Rehabilitation**Key words:** Neuronal Plasticity, Parkinson Disease, Cerebral Palsy, Speech Therapy, Physical Therapy**Focus area:** In-depth information communication/knowledge transition**DESCRIPTION:** This seminar will review and define key principles that drive activity-dependent neuroplasticity; demonstrate how these principles can be integrated into defined, evidenced-based treatment protocols (using LSVT LOUD and LSVT BIG as example protocols); and discuss behavioral and neural outcome data from LSVT LOUD and LSVT BIG protocols in people with Parkinson disease and the LSVT LOUD protocol in children with cerebral palsy. Participants will also learn from our most up-to-date delivery strategies and use of treatment technology (telehealth, software) to make neuroplasticity-principled approaches feasible in the real-world clinical environment.**MORE:** www.ACRM.org/IC538

#457 Interact with the Team: Interdisciplinary Pain Rehabilitation

Date: 1 November

Time: 1:30 PM – 5:30 PM

Faculty: Dr. Virgil Wittmer, Ph.D., Brooks Rehabilitation, Executive Director
 Dr. James Atchison, D.O., Rehabilitation Institute of Chicago, Medical Director- Center for Pain Management

Primary Content: Pain

Secondary Content: Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)

Key words: chronic pain, biopsychosocial, pain rehabilitation

Focus area: Training/Instruction in new knowledge/skills

DESCRIPTION: Chronic pain is a pervasive problem and affects many rehabilitation diagnoses. This instructional course will help the physician, psychologist, and therapist understand how each discipline plays an integral role in the assessment and treatment of chronic pain. After didactic instruction, there will be breakout sessions in an experiential round robin type of format designed to better understand the unique contributions of all disciplines toward prevention of and treatment for dysfunctional response to pain. This format will allow a greater understanding and appreciation for the “power of the team”, while also giving practical techniques to use in practice.

MORE: www.ACRM.org/JC457

#250 Creating an Individualized and Meaningful Intervention Using Treadmill Training for Children: It can Happen Anywhere!

Date: 1 November

Time: 1:30 PM – 5:30 PM

Faculty: Dr. Mary Massery, PT, DPT, Massery Physical Therapy
 Dr. Roberta OShea, PT, DPT, PhD, Governors State University, Professor
 Ms. Nechama Karman, PT, MS, PCS, Mobility Research, Education Dept., chief clinical educator

Primary Content: Pediatric Rehabilitation

Secondary Content: Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)
 Measurement

Key words: Gait, Respiratory Mechanics, 3. Rehabilitation, Development

Focus area: Training/Instruction in new knowledge/skills

DESCRIPTION: Typically developing children practice walking 50% of their waking hours. Children with motor impairments have much less opportunity to develop cardiopulmonary control and practice walking thus leading to better mobility. Studies of effective motor interventions favor intensity of training as the single most important factor in motor learning. Hence, children with disabilities struggle to develop fluid, efficient gait patterns. This course will present models that enhance cardiopulmonary functioning and promote opportunities to practice walking. Clinically friendly methods of collecting objective and using data to design interventions to improve performance in children will be presented along with many relevant case examples

MORE: www.ACRM.org/JC250

#101 Evaluating Evidence for Use in Everyday Practice

Date: 1 November

Time: 1:30 PM – 5:30 PM

Faculty: Dr. Ronald Seel, PhD, FACRM, Shepherd Center, O. Wayne Rollins Director of Acquired Brain Injury Research
 Dr. Gary Gronseth, MD, FAAN, University of Kansas Medical Center, Professor and Vice-chair, Neurology
 Dr. Marcel Dijkers, PhD, Icahn School of Medicine at Mount Sinai, Research Professor

Primary Content: Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)

Secondary Content: N/A

Key words: evidence-based practice, evidence-based medicine, rehabilitation, practice guidelines, knowledge translation

Focus area: In-depth information communication/knowledge transition

DESCRIPTION: This course, co-sponsored by the American Academy of Neurology Guideline Development, Dissemination, and Implementation Committee and the ACRM Evidence and Practice Committee, presents “how to” information that will help clinicians and researchers evaluate, synthesize, and translate research evidence into everyday clinical practice. A primary aim is to de-mystify evidence-based practice concepts and equip participants with the knowledge and tools needed to translate evidence (e.g., a published article or clinical trial data) into action (e.g., choosing and implementing a specific intervention). This course will use brief didactic presentations and emphasize applying new knowledge in small work groups.

MORE: www.ACRM.org/JC101

#843 OFF-SITE RIC LECTURE & TOUR: Re-Imagining Rehabilitation Care and Research at the AbilityLab: The Future of RIC

 separate registration required \$99

Date: 1 November

Time: 1:00 PM – 4:30 PM

Faculty: Joanne C. Smith, CEO, The Rehabilitation Institute of Chicago

Dr. Chih-Hung Chang, PhD, Rehabilitation Institute of Chicago, Director, Clinical Outcomes and Infometrics

Dr. Thomas George Hornby, PT, PhD, University of Illinois at Chicago, Associate Professor

Dr. Jennifer Moore, PT, DHS, NCS, Rehabilitation Institute of Chicago, Clinical Practice Leader

Dr. Richard Lieber, Rehabilitation Institute of Chicago, Chief Scientific Officer

Dr. Eliot Roth, MD, The Rehabilitation Institute of Chicago, Attending physician

Primary Content: New Model of Care

Secondary Content: Measurement, Clinical practice (assessment, diagnosis, treatment, knowledge translation/EBP)

Key words: Translational Medical Research, Organizational Model, Patient Outcomes Assessment, Stroke

Focus area: In-depth information communication/knowledge transition

DESCRIPTION: Participants will learn about a new approach to clinical research and patient care that informed the design of the RIC's flagship hospital, scheduled to open in March 2017. By literally breaking down the walls between science and clinical care, the RIC is making a \$600 million investment to change the way research is conducted, accelerate clinical breakthroughs, and improve patient outcomes. Hear directly from the researchers and clinicians who built this advanced knowledge translation concept over the past 7 years, and RIC's CEO, Dr. Joanne Smith, will discuss how these innovations are being adopted in the new hospital. Participants will have the opportunity to tour the prototype on which the new hospital was based.


MORE: www.ACRM.org/RICtour

MONDAY 31 OCT – TUESDAY 1 NOV

TWO DAY COURSES

#TBD ACRM COGNITIVE REHABILITATION TRAINING

TWO-DAY COURSE

 separate registration required (from \$349 student member, \$399 member Best Rates)

Date: MON 31 OCT & TUE 1 NOV

Time: 8:00 AM - 5:30 PM

Faculty: Donna Langenbahn, PhD, FACRM, Rusk Rehabilitation

Angela Yi, PhD, Sports Concussion Institute

Deirdre Dawson, PhD, Rotman Research Institute, Baycrest Health Sciences

Primary Content: Brain Injury

Secondary Content: Pediatric Rehabilitation, Military and Veterans Affairs

Key words: brain injury, concussion, brain injury rehabilitation

Focus area: In-depth information communication/knowledge transition

DESCRIPTION: The Academy of Certified Brain Injury Specialists (ACBIS) offers a voluntary national certification program for both direct care staff and professionals working in brain injury services. ACBIS provides the opportunity to learn important information about brain injury, to demonstrate learning in a written examination, and to earn a nationally recognized credential. This is the official ACBIS Course for preparation for the CBIS Exam, which will be offered at the end of Day 2 of the training for those who have been predetermined as eligible to sit for the exam. Join over 6,000 Certified Brain Injury Specialists worldwide and enjoy the support of the Academy offering brain injury education CEUs.

MORE: www.ACRM.org/cogchi

#847 CERTIFICATION: Brain Injury Specialist — Official ACBIS Training Course

TWO-DAY COURSE

 separate registration required \$99

Date: MON 31 OCT & TUE 1 NOV

Time: 8:00 AM - 5:30 PM

Faculty: Dr. Drew Nagele, PsyD, CBIST, Beechwood NeuroRehab, Executive Director

Dr. Heidi Reyst, PhD, CBIST, Rainbow Rehabilitation Centers, Inc, Vice President of Clinical Administration

Primary Content: Brain Injury

Secondary Content: Pediatric Rehabilitation, Military and Veterans Affairs

Key words: brain injury, concussion, brain injury rehabilitation

Focus area: In-depth information communication/knowledge transition

DESCRIPTION: The Academy of Certified Brain Injury Specialists (ACBIS) offers a voluntary national certification program for both direct care staff and professionals working in brain injury services. ACBIS provides the opportunity to learn important information about brain injury, to demonstrate learning in a written examination, and to earn a nationally recognized credential. This is the official ACBIS Course for preparation for the CBIS Exam, which will be offered at the end of Day 2 of the training for those who have been predetermined as eligible to sit for the exam. Join over 6,000 Certified Brain Injury Specialists worldwide and enjoy the support of the Academy offering brain injury education CEUs.

MORE: www.ACRM.org/ACBIS